

**SECTION 6
MITIGATION STATUS**

ANNUAL NOTIFICATION OF PROPOSED WORK
 Table 6: MITIGATION STATUS
 May 1, 2011

Site Name	Creek Name	Location	Size Required (acres)	Size Constructed (acres)	Mitigation Credit Earned (acres)	Mitigation Credit Used (acres)	Status
Pajaro River Basin							
A. Freshwater Wetland Creation - Purpose: Convert areas to seasonal or perennial wetlands							
Pajaro Basin Freshwater Wetland	Adjacent to Uvas-Carnadero Creek and Pajaro River	South of Gilroy and immediately north of Pajaro River and Highway 101 Intersection	4	9	4.65	N/A	Construction began in August 2007 and the Construction and Plant Installation Phase was completed in December 2007. Completed the 3rd year of post-construction mitigation monitoring in 2010.
B. Stream and Watershed Protection - Purpose: Preserve protect and improve streams and associated wetlands							
Carnadero Preserve	Uvas-Carnadero and Tar	On part of 480-acre farm parcel in Pajaro Watershed at confluence of Pajaro River and Uvas-Carnadero Creek		District portion approximately 198 acres; 138 acres in Stream and Watershed Protection (SW&P) credit area	10.7	N/A	Implementation of the management plan began in 2008. Completed 3rd year of monitoring in 2010.
C. Control of Giant Reed - Purpose: Control giant reed outbreaks and provide associated mapping revegetation, education and coordination throughout the County for physical impacts to riparian vegetation and to compensate for lag timebetween maintenance impacts and implementation of the mitigation components							
Countywide	Various	Various	125	45.26 (114.23 Countywide Total)	N/A	N/A	With 10 acres left of intial control to be accomplished this year, the initial control milestone is slated to be completed by the end of this year. Re-treatment and revegetation have additional time commitments.

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Santa Clara Basin							
A. Freshwater Wetland Creation - Purpose: Convert areas to seasonal or perennial wetlands							
Coyote Parkway Freshwater Wetland (Formerly referred to as Coyote Lakes Park Site 10 A)	Adjacent to Coyote Creek	Upstream of intersections of Highways 101 and 85	10	7.6	7.6	N/A	Construction began in August 2006 as originally proposed and was completed in February 2007. Completed the fourth year of post-construction mitigation monitoring in 2010.
B. Stream and Watershed Protection- Purpose: Preserve protect and improve streams and associated wetlands							
Countywide	Various	Moore Property Conservation Easement in the Upper Penitencia Creek Watershed		57	4.6 acres mitigation credit and 56 acres of habitat for California red-legged frogs	N/A	The Moore Property Conservation Easement provides land preservation credits and habitat for California red-legged frogs for the SMP. The District contributed funds toward the purchase of the property to the Santa Clara County Open Space Authority. The acquisition was completed by December 2009.
Countywide	Various	Stevens Canyon Ranch Conservation Easement		69	5.4 acres mitigation credits	N/A	The Stevens Canyon Ranch Easement provides land preservation credits for the SMP. The District contributed funds toward the purchase of the property to the Peninsula Open Space Trust. The acquisition was completed in December of 2006 and the property is now under the ownership and management of Mid Peninsula Regional Open Space District.
Countywide	Various	Coyote Watershed Property		457	36.7 acres mitigation credit and 52 acres of habitat for California red-legged frogs	N/A	Negotiations for this proposed acquisition are in progress.
C. Control of Giant Reed - Purpose: Control giant reed outbreaks and provide associated mapping revegetation, education and coordination throughout the County for physical impacts to riparian vegetation and to compensate for lag timebetween maintenance impacts and implementation of the mitigation components							
Countywide	Various	Various	125	68.97 (114.23 Countywide Total)	N/A	N/A	With 10 acres left of intial control to be accomplished this year, the initial control milestone is slated to be completed by the end of this year. Re-treatment and revegetation have additional time commitments.

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D. Tidal Wetland Restoration - Purpose: Restore diked salt evaporator pond to historical tidal marsh conditions							
Island Ponds Tidal Wetland Restoration (Replaces Pond A4 Tidal Wetland Restoration)	Coyote Creek	Southern end of the San Francisco Bay Estuary, near the mouth of Coyote Creek		475	30	N/A	Year 5 of this collaborative mitigation monitoring program was completed by the District and USFWS, with the annual monitoring report submitted to the resource agencies on-time. The restoration is progressing as anticipated with sedimentation rates higher than predicted and tidal wetland vegetation starting to take hold in all three ponds.
E. Cordgrass Control - Purpose: Initiated to mitigate for the time lag associated with the implementation of the Tidal Wetland Restoration							
E.Cordgrass Control	Countywide	various tidelands	up to 10 acres	10	10	N/A	COMPLETED SEPTEMBER 2010 Treated 10 acres of spartina throughout the program area
F. Biodiversity Monitoring - Purpose: Intended to minimize impacts to special status species and their habitats and improve impact evaluations over the life of the SMP							
Countywide	Various	Countywide	N/A	N/A	N/A	N/A	Biodiversity contracted with UC Davis and Pepperdine University to begin genetic study of Coyote Ceanothus. Tissue samples from all populations have been collected jointly with USFWS staff. Biodiversity also contracted with SFBBO to monitor Snowy Plovers and study their response to construction activities. Reports are not yet available for these studies.

ARUNDO ACCOMPLISHMENTS FOR 2011 NOTICE OF PROPOSED WORK

The following text is submitted for inclusion in the 2011 NPW on both the current accomplishments for the Arundo Control Program as well as the program status.

- 2010 Pajaro Basin new acreage – acres
- 2010 Santa Clara Basin new acreage –acres.
- Total 2010 new acreage for project – acres

- Total project acreage to date : **114.23 acres county-wide**

2010 Project Status (**Pajaro Basin**): **5.5 new acres** in Pajaro Basin. Overall project accomplishments were above the annual goal for the 2010 year. Biological issues from the last two seasons (the presence of San Francisco Dusky Footed Wood Rat) continues to steer the project toward hand work and instituted new control activities that has reduced productivity. Almost 100% of control and disposal activities now have some element of hand work that is more labor intensive, higher cost, and more time consumptive. This year allowed entry into the Lucchessa Bridge to Highway 25 section that had been “skipped” in previous seasons. The new acreage reflected in this report is adjacent to the same parcel where previous control was done (expansion of control area). All previous areas on the Carnadero Preserve had re-treatment done this season. The presence of SF Woodrat required highly modified and resource intensive techniques to be used in new control areas. .

Early re-treatment was done on some of the earlier control areas at the beginning of the season. Most of the major infestations in southern Santa Clara County have had initial control done earlier in the program. The remaining acreage is small, widely dispersed, and difficult to access. Re-growth is widely distributed which makes re-treatment challenging. The goal is to treat all re-growth throughout the project in the coming year. It is also difficult to target these areas and make the desired numbers to keep the program on track for accomplishments. **Total Program Accomplishments for Pajaro Basin- 68.97 acres.**

2010 Project status (**Santa Clara Basin**): **10.0 new acres** of control in Santa Clara Basin. New work was started on Los Gatos Creek between Saratoga-Los Gatos Road and Blossom Hill Road in Los Gatos (**4.68 acres**). New work was also undertaken on Alamitos Creek in the New Almaden area of San Jose at the upper end of the Guadalupe Watershed (**5.23 acres**).

Biomass removal and re-treatment were the main activities on Coyote Creek. Large infestations on both sides of creek removed by hand and treated with herbicide using "cut-stump" and foliar methods. . Re-treatment of re-growth in all previous Coyote Creek areas from 2006, 2007, 2008 and 2009 areas. Revegetation is occurring on Coyote Creek d/s of Anderson Dam to the Ogier Pond Area, downstream of the Ogier footbridge, downstream of Silicon Valley Blvd. and downstream of Silver Creek Valley Road. SF Dusky Footed Wood Rat found extensively through project areas) continues to be a driver for methodologies and limitations around control efforts. Requirements surrounding this issue increased the cost and complexity of the project significantly (handling and disposal costs skyrocketed). The issue is still unresolved so predictions regarding cost containment, future success for the project, and ongoing sustainability are still cause for concern. As of this date, initial control is slightly behind schedule. Re-treatment and revegetation are behind schedule though progress is being made.

Control of .09 new acres of Arundo on the small island in Almaden Lake (confluence of Alamitos Creek and Guadalupe River) was accomplished this season as Phase 2 of the project that was started last year. This is the second of 3 phases to control the large monoculture of Arundo infesting the island and providing an ongoing source of infestation for the Guadalupe River.

The same conditions exist for the Santa Clara Basin as was discussed above in the Pajaro Basin. Larger infestations of Arundo have been controlled in earlier program years and the acreage has been captured in the program totals. New areas this year allowed greater accomplishments than last year. Re-treat areas are more dispersed, harder to access, and more resource intensive. For that reason, re-treatment continues to be more resource intensive as areas are fragmented. The impact of sensitive biological resources on control methods adds further complexity.

Total Program Accomplishments for Santa Clara Basin : 45.26 acres.